الصف الرابع الابتدائي ٢٠٢٤

بنك اسئلة

المتميز

أ/ محمود سعيد

ElMotamyez Questions Bank

ICT

october revision

BY

MRS . Amira Ahmed

cartoon science

4 الصف الرابع

ملحق الإجابات بالداخل

نسخة مجانية

El.Motamyez.School

يمكنكم الحصول على المذكرات والاختبارات من خلال مسح رمز الـ QR Code
أو من خلال صفحة "المتميز - أ/ محمود سعيد".

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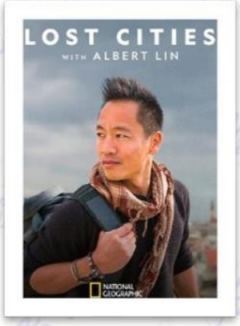
Lesson one Explorer in Action

Albert Lin



- Albert Lin is an archaeologist
- Albert Lin uses different tools to explore archaeological sites **without digging**

البرت لين عالم اثار استخدم ادوات مختلفة لاستكشاف المواقع الأثرية بدون حفر

Important of tools

Save time | Save cost | Save effort

الادوات توفر الوقت و التكلفة و المجهود

Archaelogists tools

1- Locate things above the ground

- **GPS** (Global Positioning System)

This is a way to find the **location** of something using **satellites**

طريقه لتحديد الاماكن بواسطة الاقمار الصناعية

- **Satellites**

* Take photographs of the earth from above
* Take pictures of different places

الاقمار الصناعية تأخذ صور الاماكن المختلفة من الأعلى

- **Drones**

* Take photographs of the earth from above
*Take pictures of different places

طائره بدون طيار تأخذ صور للاماكن المختلفة من الأعلى

2- Locate things under the ground

- **GPR** (Ground Penetrating Radar)

This radar can discover objects **buried** underground.

رادار مخترق الارض يكتشف الاجسام المدفونة تحت الارض

- **Magnetometer**

* Magnetometer measures magnetic field
* It can find metal (minerals–coins) underground.

جهاز يقيس المجال المغناطيسي للبحث عن المعادن تحت الارض

® يرجى مراعاة حقوق صاحب المحتوى عند النشر.

Lesson 3 Components of computer systems

- Computer is an electronic **device** for processing data
- Computer **store** and **process** information

Uses of Computer

Write	Send	Play	Browse	Create
documents	emails	games	the internet	Data tables – videos power point presentation

الكمبيوتر جهاز لتخزين و معالجه البيانات و يستخدم في كتابه الوثائق و ارسال البريد الالكتروني و يستخدم في الألعاب و تصفح الانترنت و رسم الجداول و انشاء الفيديوهات و العروض التقديمية .

Types of Computers

Laptop | Tablet | Personal Computer

Computer hardware

Input devices

1- Key board
- Type letters and numbers
- Entering data into computer

كتابه الحروف و الارقام – ادخال البيانات الي الكمبيوتر

2- Mouse / touch screen
- Select and move objects easily

تحريك و اختيار الاشياء بسهوله

3-Microphone
- Allow others to hear you
- Input sound and music to computer

يمكن الاخرين من سماعك و يسمح لك بإدخال الاصوات و الموسيقي

4- Camera
- Allow others to see you
- Input image and videos

تمكن الاخرين من رؤيتك و تسمح بإدخال الصور و الفيديوهات

5- Scanner
* Input text and image from paper to computer

ادخال النصوص و الصور من الورق للكمبيوتر

Output devices

1- Screen
- Show what you and computer are doing
- Displays photos and videos

توضح لنا ما نقوم به نحن و الكمبيوتر – تعرض الصور و الفيديوهات

2- Speaker
- To hear others (output sound)

لسماع الاخرين – لإخراج الصوت

3- Braille terminal (read by touching)
Allow blind people to use computer because it change text on screen into ➡ Braille characters
change letters into ➡ prominent symbols

يسمح للمكفوفين باستخدام الكمبيوتر لأنه يقوم بتحويل النص الموجود علي الشاشة الي حروف بارزه .

4- Speech synthesizer
- Allow non-speakers to speak

because it changes text to speech (voice)

يسمح للأشخاص اللذين يعانون من عدم القدرة علي الكلام للتحدث
لأنه يحول النص المكتوب الي كلام

5- Printer
Output text, images from computer on paper

اخراج النصوص و الصور من الكمبيوتر علي الورق

- Touch screen can be used as input device and output device
- Shape of computer differ according to device model and manufacturing date

يختلف شكل الكمبيوتر حسب موديل الجهاز و تاريخ صنعه

® يرجى مراعاة حقوق صاحب المحتوى عند النشر.

Lesson 4 Software and operating systems

Central Processing Unit (CPU)

- CPU like the brain of human, it processes data and converts it to useful information

وحده المعالجة المركزية كالعقل تقوم بمعالجه البيانات و تحويلها الي معلومات مفيدة

Computer Components

Hardware أدوات ملموسة	Software برامج في العقل الإلكتروني (اشياء غير ملموسة)	
	Operating system برامج التشغيل	**Application software** التطبيقات
- CPU - Keyboard - Screen	- Windows for computer - Android for cell phones	- Gaming apps - PowerPoint - Microsoft Word - Google chrome browser

Lesson 5 Supporting people of determenation

Assistive Technology

It is a special kind of technology that helps people of determination with tasks that they find difficult to do

التكنولوجيا المساعدة هي نوع خاص من التكنولوجيا يساعد اصحاب الهمم في المهام التي يصعب عليهم القيام بها

Albert Lin has a limb difference
He uses
a prosthetic leg to move

Stephen Hawking is scientist
he uses
Motorized wheelchair to move
Speech synthesizer to communicate

- البرت لين لديه اختلاف في الساقين (رجل مبتوره). يستخدم ساقا صناعيه للحركة العالم .
- ستيفين هوكينج يستخدم كرسي متحرك للحركة و مركب للكلام للتواصل .

® يرجى مراعاة حقوق صاحب المحتوى عند النشر.

Examples of Assistive Technology

▶Screen magnification software

Enlarges everything on a computer screen
To help people with poor vision

برنامج يكبر كل شي علي شاشه الكمبيوتر لمساعده ضعاف البصر

▶Hearing aids

Help people who have trouble hearing (hearing problems)
Hearing aid can be connected by mobile

سماعات الاذن الطبية تساعد الاشخاص الذين يعانون من مشاكل في السمع و من الممكن توصيلها بالهاتف المحمول

▶Alternate communicarion software

Help people with speech and language disabilities to communicate
Example: - programs turn text into speech and speech into text

برمجيات التواصل البديلة تمكن الذين يعانون من اعاقه في النطق او اللغه من التواصل مثل برامج الكمبيوتر التي تحول من نص مكتوب الي كلام و العكس .

▶Sporting tools

1- Paraclimbing tool

Allow climbers with limb difference to climb mountains

ادوات تسلق تسمح لذوي الهمم الذين فقدوا احد اطرافهم بتسلق الجبال

2- Foot ball that make noise

Allow visually impaired to locate ball

كره قدم تصدر صوت تساعد المعاقين بصريا من تحديد مكان الكرة

3- Handbike with three wheels powered by hand

Allow limb differences to move

عجله ذات الثلاث عجلات تعمل باليد لمساعده الاشخاص الذين يعانون من اختلافات في الاطراف

4- Running blades

Allow amputated leg to run

الاطراف الصناعية المخصصة للجري

® يرجى مراعاة حقوق صاحب المحتوى عند النشر.

Lesson 6 Common ICT Problems and solutions

ICT Tools

- Computer
- Laptop
- tablet

Importance of ICT tools

help us to do a lot of tasks

- Research information online
- Write school home work Using Microsoft word
- Play games

Some technological problems and solutions

Problem	Solution
An app won't open	Restart your computer ↓ If the app still won't open Check software update ↓ If the app still won't open Uninstall and reinstall the app التطبيق لا يفتح (اعاده تشغيل الكمبيوتر . التطبيق مازال لا يفتح تأكد من ان البرنامج محدث . التطبيق لا يفتح قم بإلغاء التطبيق و تثبيته مره اخري) .
The mouse cursor isn't working	Connect mouse cable in correct place in motherboard then restart your computer ↓ If the app still won't open Replace mouse with new one مؤشر الفأرة لا يعمل . تأكد من توصيل الكابل بالمكان الصحيح في اللوحة و اعد تشغيل الكمبيوتر . الفأرة لا تزال لا تعمل استبدلها بفاره جديدة .
The keyboard isn't typing	Connect keyboard cable in correct place in motherboard then restart your computer ↓ If the app still won't open Replace keyboard with new one عدم التمكن من الكتابة علي لوحه المفاتيح . تأكد من توصيل كابل لوحه المفاتيح بالمكان الصحيح في اللوحة تم اعد تشغيل الكمبيوتر . لوحه المفاتيح لا تزال لا تعمل استبدلها بلوحه مفاتيح جديده .
You can't find a file	Use the search box in start menu عندما لا تجد ملف ابحث عنه في صندوق البحث الموجود في قائمه ابدا
Your screen freezes	Press Alt + Ctrl + Del then restart

October Questions Bank

Question 01 choose the correct answer

1. We use ..... To determine the location
   - a GPS
   - b GPR
   - c magnetometer

2. .....is used to take photos above the ground
   - a magnetometer
   - b satellites
   - c GPR

3. Albert Lin uses ..... to locate things above the ground
   - a magnetometer
   - b GPS
   - c GPR

4. The ..... is used to detect old coins underground.
   - a Magnetometer
   - b GPS
   - c GPR

5. ..... is used to locate things via satellite.
   - a GPR
   - b GPS
   - c Magnetometer

6. ..... is used to find minerals in the ground
   - a magnetometer
   - b drone
   - c GPR

7. The device which is used in typing text with braille for blind people is the .....
   - a Braille terminal
   - b keyboard
   - c mouse

8. A ..... is used to print the text and images on paper and considered one of the output units
   - a Speaker
   - b screen
   - c printer

9. The component responsible for entering data into a computer is the .....
   - a keyboard
   - b CPU
   - c printer

10. You can move things easily with the .....
    - a screen
    - b mouse
    - c microphone

11. One of the devices that you need to type on the computer is the .....
    - a keyboard
    - b microphone
    - c speakers

12 The ..... is a device that allows non-speakers to speak

ⓐ screen ⓑ printer ⓒ speech synthesizer

13 All of the following are input units except the .....

ⓐ mouse ⓑ keyboard ⓒ screen

14 One of the attached devices that is used during video calls is the .....

ⓐ printer ⓑ scanner ⓒ camera

15 ..... is a way that converts letters into prominent symbols that can be read by touching.

ⓐ Internet ⓑ Speech synthesizer ⓒ Braille

16 The ..... allows us to output the text and images on paper.

ⓐ printer ⓑ scanner ⓒ speaker

17 The speech synthesizer is a type of .....

ⓐ input device ⓑ output device ⓒ printing device

18 The computer is used for .....

ⓐ writing documents ⓑ sending e-mail ⓒ both(a) and (b)

19 The operating system receive the information from CPU and shows it on the .....

ⓐ keyboard ⓑ screen ⓒ mouse

20 One of the devices that word processing software needs to write on your computer is the .....

ⓐ keyboard ⓑ printer ⓒ speaker

21 The component responsible for entering the data to the computer is .....

ⓐ printer ⓑ speaker ⓒ keyboard

22 Windows is one of the most popular .....

ⓐ applications ⓑ operating systems ⓒ program languages

23 ..... is considered from the hardware components of computer.

ⓐ PowerPoint ⓑ Browser ⓒ CPU

24 Word processing program like Microsoft Word, is a type of .....

ⓐ information ⓑ hardware ⓒ software

25 ..... is considered software on the personal computer.

ⓐ The keyboard ⓑ MS Excel ⓒ The printer

26 The ..... is considered one of the hardware components of a computer.

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27 ..... software enlarges everything on a computer.

ⓐ Hearing aids ⓑ Screen Magnification ⓒ Sport tool

28 A ..... helps people of determination (of a missing limb) to practice their daily life.

ⓐ prosthetic leg ⓑ keyboard ⓒ Hearing aid

29 Technology that helps people of determination to carry out their daily tasks easily is called .....

ⓐ software ⓑ assistive technology ⓒ operating system

30 .....is software that is used to assist the visually impaired.

ⓐ Earphone ⓑ screen enlargement ⓒ alternative communication software

31 Screen magnification software is used to help people who have .....

ⓐ Hearing impairment ⓑ poor vision ⓒ limb loss

32 Alternative communication software helps people with ..... disabilities

ⓐ speech ⓑ movement ⓒ seeing

33 The ..... help people who suffer from hearing problems.

ⓐ hearing aids ⓑ operating system ⓒ GPS

34 We use the ..... To find a file or folder on the computer

ⓐ Search box ⓑ internet browser ⓒ printer

35 my mouse cursor isn't work.....

ⓐ connect keyboard cable ⓑ press Alt + Ctrl + Del ⓒ replace keyboard with new one

36 The command responsible for closing all the application on computers or laptops is .....

ⓐ Del + Alt + Ctrl ⓑ Alt + Del + Tab ⓒ Del + Tab + Shift

37 If the ....., make sure the keyboard cable is connected or not

ⓐ app won't open ⓑ mouse isn't working ⓒ keyboard isn't working

38 Press and hold the "Ctrl"+"Alt"+"Del" buttons when .....

ⓐ the screen freezes ⓑ you can't find a file ⓒ an app won't open

Question 02 put " true " or " false "

1. The taxi driver relies on the GPS (Global Positioning System) device ( )
2. Drones are used to photograph special places ( )
3. The engineers relied on the magnetometer to locate the construction sites. ( )
4. GPS is used to find the location of places you might need to visit ( )
5. Magnetometer is used to determine places via satellites. ( )
6. The Global Position System (GPS) is connected to satellites to determine locations. ( )
7. The Ground Penetrating Radar is used to find objects under the surface of the earth. ( )
8. Magnetometer is used to discover metals underground ( )
9. The tourist depends on the penetrating radar to locate the different places ( )
10. . A laptop is like a personal computer in all components ( )
11. . Braille transforms letters into prominent symbols that can be read by touching. ( )
12. The keyboard is a device that is used to output data ( )
13. A computer is used to create and edit spreadsheets and presentations ( )
14. The screen is an output device ( )
15. A computer is a machine processing data into valuable information. It also has the ability to store and retrieve them. ( )
16. The scanner is used to print images from your computer on paper. ( )
17. The CPU processes and sends information to the operating system ( )

18. Screen and mouse are types of computer programs (software) ( )
19. The operating system is necessary to run the computer ( )
20. Central processing unit (CPU) is a type of software. ( )
21. Google is the most famous operating system ( )
22. The screen helps in processing data ( )
23. Windows is one of the famous computer operating systems ( )
24. Stephen Hawking was a famous archaeologist ( )
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30. Assistive technology is a technology that helps people of determination go about their daily lives ( )
31. If you can't find a file, you should restart your computer ( )
32. Restarting the device helps solve some problems. ( )
33. If the keyboard doesn't work, you must use the search box. ( )
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	Choose the correct answer	Put true or false
Lesson 1	From 1 to 6	From 1 to 9
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لاحظ : الدرس الثاني و السابع (للاطلاع فقط) , جميع اسئله الشيت اسئله رسمية من امتحانات المحافظات للسنوات السابقة و اسئلة كتاب المدرسة , يمكنكم متابعه الشرح و حل الاسئله علي قناة كارتون ساينس .

تم بحمد الله تعالي ،،

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم

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لاحظ : الدرس الثاني و السابع (للاطلاع فقط) , جميع اسئله الشيت اسئله رسمية من امتحانات المحافظات للسنوات السابقة و اسئلة كتاب المدرسة , يمكنكم متابعه الشرح و حل الاسئله علي قناة كارتون ساينس .

تم بحمد الله تعالي ،،

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم

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